

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L26	17952	(purg\$4 or flush\$4) near5 (gas\$4 or air) near5 (chamber or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 21:07
L27	17709	(purg\$4 or flush\$4) near5 (chamber or vessel) near5 (gas\$4 or air)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 21:07
L28	1004	(L26 or L27) and (cvd or pvd or coating or sputter\$4 or (vapor near3 deposition)) and (purg\$4 or flush\$4) same (vibrat\$4 or shock\$4 or jolt\$4 or bang\$4 or puls\$4 or impuls\$4) near5 (chamber or wall or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 21:07
L29	12	(L26 or L27) and (cvd or pvd or coating or sputter\$4 or (vapor near3 deposition)) and (purg\$4 or flush\$4) same (vibrat\$4 or shock\$4 or jolt\$4 or bang\$4 or puls\$4 or impuls\$4) near5 (chamber or wall or vessel) with (particle or particulat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 21:08
L30	22	US-8878214-\$.DID. OR US-4466872-\$.DID. OR US-5126032-\$.DID. OR US-5271264-\$.DID. OR US-5436485-\$.DID. OR US-7251995-\$.DID. OR US-5837094-\$.DID. OR US-1171998-\$.DID. OR US-5943130-\$.DID. OR US-8241999-\$.DID. OR US-8218548-\$.DID. OR US-	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 21:09

		4172001-\$.DID. OR US-6576559-\$.DID. OR US-8102003-\$. DID. OR US-6696362- \$.DID. OR US- 2242004-\$.DID. OR US-6737666-\$.DID. OR US-5182004-\$. DID. OR US-6755934- \$.DID. OR US- 6292004-\$.DID. OR US-8797110-\$.DID. OR US-9282004-\$. DID. OR US-8815653- \$.DID. OR US- 20030054855-\$.DID. OR US-3202003-\$. DID. OR US- 20030147075-\$.DID. OR JP-2000091247-\$. DID. OR JP-10284471- \$.DID.				
L31	19	US-3566801-\$.DID. OR US-3945613-\$. DID. OR US-4453424- \$.DID. OR US- 5127362-\$.DID. OR US-7711992-\$.DID. OR US-5766369-\$. DID. OR US-5800623- \$.DID. OR US- 911998D-\$.DID. OR US-5908657-\$.DID. OR US-5927308-\$. DID. OR US-5950071- \$.DID. OR US- 5954982-\$.DID. OR US-6540803-\$.DID. OR US-6676800-\$. DID. OR US-6725564- \$.DID. OR US- 6779226-\$.DID. OR US-6805137-\$.DID. OR US-6878636-\$. DID. OR US- 20030037801-\$.DID. OR US-20030039087-\$. DID. OR US- 20040014272-\$.DID. OR JP-05136045-\$. DID. OR US-7869199- \$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 21:14

L32	11	US-6192601-\$.DID. OR US-6106634-\$. DID. OR US-5971586- \$.DID. OR US- 5969934-\$.DID. OR US-5820329-\$.DID. OR US-5727332-\$. DID. OR US-5665609- \$.DID. OR US- 5531862-\$.DID. OR US-5522933-\$.DID. OR US-5387777-\$. DID. OR US-5298720- \$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 21:14
L33	20	("4816113").PN. OR ("5387777").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 21:26
S1	1	"10596406"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/22 19:45
S2	12	US-1605613-\$.DID. OR US-5378283-\$. DID. OR US-5391275- \$.DID. OR US- 5536320-\$.DID. OR US-5924447-\$.DID. OR US-6461437-\$. DID. OR US-6596091- \$.DID. OR US- 20010000759-\$.DID. OR US-20020045966-\$. DID. OR US-1331018- \$.DID.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/09/23 13:15
S4	2356	"134".clas. and (purg \$4 or flush\$4 or clean \$4) with (gas\$4) with (chamber or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 15:34
S5	719	"134".clas. and (purg \$4 or flush\$4) with (gas\$4) with (chamber or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 15:35
S6	514	"134".clas. and (purg \$4 or flush\$4) near5 (gas\$4) near5 (chamber or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 16:02
S7	500	"134".clas. and (purg \$4 or flush\$4) near5 (chamber or vessel) near5 (gas\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 16:03
S8	522	S6 or S7	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 16:03

S9	247	(S6 or S7) and (cvd or pvd or coating or sputter\$4 or (vapor near3 deposition))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 16:05
S10	514	"134".clas. and (purg \$4 or flush\$4) near5 (gas\$4) near5 (chamber or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:38
S11	500	"134".clas. and (purg \$4 or flush\$4) near5 (chamber or vessel) near5 (gas\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:38
S12	14	(S10 or S11) and (cvd or pvd or coating or sputter\$4 or (vapor near3 deposition)) and (purg\$4 or flush\$4) same (vibrat\$4 or shock\$4 or jolt\$4 or bang\$4 or puls\$4 or impuls\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:38
S13	14456	(purg\$4 or flush\$4) near5 (gas\$4) near5 (chamber or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:39
S14	14285	(purg\$4 or flush\$4) near5 (chamber or vessel) near5 (gas\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:39
S15	1551	(S13 or S14) and (cvd or pvd or coating or sputter\$4 or (vapor near3 deposition)) and (purg\$4 or flush\$4) same (vibrat\$4 or shock\$4 or jolt\$4 or bang\$4 or puls\$4 or impuls\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:39
S16	20	"5387777"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:53
S17	247	(S10 or S11) and (cvd or pvd or coating or sputter\$4 or (vapor near3 deposition))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 15:43
S18	29	S17 and ((gas\$4) near5 (filter\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 15:43
S19	2	kalee-klaus.in. or hepper-ronald.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 15:53
S20	42	S15 and ((gas\$4) near5 (filter\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 15:54

S21	48	S15 and ((gas\$4 or air) near5 (filter\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 15:54
S22	17948	(purg\$4 or flush\$4) near5 (gas\$4 or air) near5 (chamber or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 15:55
S23	17705	(purg\$4 or flush\$4) near5 (chamber or vessel) near5 (gas\$4 or air)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 15:55
S24	1590	(S22 or S23) and (cvd or pvd or coating or sputter\$4 or (vapor near3 deposition)) and (purg\$4 or flush\$4) same (vibrat\$4 or shock\$4 or jolt\$4 or bang\$4 or puls\$4 or impuls\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 15:55
S25	65	S24 and ((gas\$4 or air) near5 (filter\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 15:56
S26	8863	(S22 or S23) and (cvd or pvd or coating or sputter\$4 or (vapor near3 deposition)) and (purg\$4 or flush\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:01
S27	920	S26 and ((gas\$4 or air) near5 (filter\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:01
S28	577	S27 and ((gas\$4 or air) near5 (heat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:01
S29	333	S28 and ((gas\$4 or air) near5 (cool\$4 or refrigerat\$4 or condens \$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:02
S30	8666	(S22 or S23) and (cvd or pvd or coating or sputter\$4 or (vapor near3 deposition)) and ((purg\$4 or flush\$4) near5 (air or gas\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:02
S31	889	S30 and ((gas\$4 or air) near5 (filter\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:03
S32	556	S31 and ((gas\$4 or air) near5 (heat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:03
S33	313	S32 and ((gas\$4 or air) near5 (cool\$4 or refrigerat\$4 or condens \$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:03

S35	3066	(purg\$4 or flush\$4) near5 (gas\$4 or air) near5 (chamber or vessel)	EPO; JPO; DERWENT	OR	ON	2009/09/24 16:05
S36	2967	(purg\$4 or flush\$4) near5 (chamber or vessel) near5 (gas\$4 or air)	EPO; JPO; DERWENT	OR	ON	2009/09/24 16:06
S37	345	(S35 or S36) and (cvd or pvd or coating or sputter\$4 or (vapor near3 deposition)) and ((purg\$4 or flush\$4) near5 (air or gas\$4))	EPO; JPO; DERWENT	OR	ON	2009/09/24 16:06
S38	5	S37 and ((gas\$4 or air) near5 (filter\$4))	EPO; JPO; DERWENT	OR	ON	2009/09/24 16:07
S39	1	"20030219536"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:10
S40	2	(wiessner adj gmbh). as.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:12
S41	1595	134/21.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:38
S42	1404	134/22.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:38
S43	1686	134/30.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:38
S44	1048	134/37.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:38
S45	979	134/22.18.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:38
S46	1091	134/166R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:39
S47	2143	134/902.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:39
S48	780	(S41 S42 S43 S44 S45 S46 S47) and ((purg\$4 or flush\$4) near5 (gas \$4 or air))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:39
S49	167	S48 and (filter\$4 near5 (gas\$4 or air))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:40
S50	36	S49 and ((gas\$4 or air) near5 condition\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 16:41

S51	32	("4406709" "4495024" "4649830" "4770680" "4827954" "4951601" "5024570" "5388944" "5474410" "5512320" "5527390" "5529630" "5536320" "5551984" "5609689" "5665200" "5667592" "5755332" "5820679" "5958145" "6045620" "6224679" "6248180" "6270306" "6270582" "6270619" "6295999" "6337174" "6343609" "6391117").PN. OR ("6461437").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/26 18:33
S52	7	("4892615" "5238503" "5273589" "5512106" "5536330" "5678759" "5759287").PN. OR ("6596091").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/26 18:45
S53	20	("3880681" "4017330" "4045253" "4432808" "4590100" "4828760" "5238503" "5536330").PN. OR ("5759287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/26 18:48

S54	44	("1730658" "3606897" "3737941" "4017330" "4183115" "4208761" "4380842" "4437479" "4461054" "4603661" "4660248" "4676006" "4677704" "4750505" "4770680" "4808234" "4904153").PN. OR ("5238503").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/26 18:48
S55	15	("3170859" "4421576" "4687542").PN. OR ("4892615").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/26 18:49
S56	25	("3479679" "4017330" "4402997" "4423622" "4512812" "4750505" "4816081" "4828760" "5137581" "5238503").PN. OR ("5536330").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/26 18:49
S57	91	S53 S54 S55 S56	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/26 18:49
S61	5	"5924447"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 14:20
S62	37	"5378283"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 18:55

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